

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled).
2. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said optical structures are convex structures.
3. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said optical structures are concave structures.
4. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said optical structures are prisms.
5. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said raised spacing structures comprise at least one post-structure.
6. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said raised spacing structures comprise at least one beam structure.
7. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said raised spacing structures have a height relative to the optical structures, said height being between about 0.1 and about 20 microns.
8. (Previously Presented) A multilayer backlighting display optical film according to claim 7 wherein said raised spacing structures comprise at least one post-structure.
9. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said backlighting display component films have a thickness between about 0.006 and about 5 millimeters.

10. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said gap comprises at least one member selected from the group consisting of solid matter, fluid matter and combinations thereof.

11. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein the raised spacing structures have equal heights relative to the optical structures.

12. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein the raised spacing structures have unequal heights relative to the optical structures.

13. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein the raised spacing structures occupy an area, said area being defined as a percentage of a total area of the film surface upon which the raised spacing structures are disposed, said percentage being in a range between about 1 and about 50 percent.

14-28. (Canceled)

29. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein at least one of said first backlighting display component film or said second backlighting display component film is a diffuser.

30. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein at least one of said first backlighting display component film or said second backlighting display component film is a brightness enhancement film.

31. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein at least one of said first backlighting display component film or said second backlighting display component film is a polarization recycling film.

32. (Previously Presented) A multilayer backlighting display optical film according to claim 33, wherein said first backlighting display component film and said second

backlighting display component film are configured such that the optical structures of said component films are configured orthogonally.

33. (Previously Presented) A multilayer backlighting display optical film, said film comprising:

a first backlighting display component film having an upper surface and a lower surface, said upper surface of said first backlighting display component film comprising a series of optical structures and a plurality of raised spacing structures, said lower surface being essentially planar; and

a second backlighting display component film having an upper surface and a lower surface, said upper surface of said second backlighting display component film comprising a series of optical structures, said raised spacing structures contacting said lower surface of said second backlighting display component film and providing a gap between said upper surface of said first backlighting display component film and said lower surface of said second backlighting display component film,

said backlighting display component films being joined so as to constitute a single film structure, wherein said gap is greater than the coherent length of light used to illuminate said optical film.

34. (Previously Presented) A multilayer backlighting display optical film, said film comprising:

a first backlighting display component film having an upper surface and a lower surface, said upper surface of said first backlighting display component film comprising a series of optical structures and a plurality of raised spacing structures, said lower surface being essentially planar; and

a second backlighting display component film having an upper surface and a lower surface, said raised spacing structures contacting said lower surface of said second backlighting display component film and providing a gap between said upper surface of said first backlighting display component film and said lower surface of said second backlighting

display component film, wherein said raised spacing structures comprise at least one post-structure,

said backlighting display component films being joined so as to constitute a single film structure, wherein said gap is greater than the coherent length of light used to illuminate said optical film.

35. (Previously Presented) An optical device comprising:

a multilayer backlighting display optical film, said film comprising:

a first backlighting display component film having an upper surface and a lower surface, said upper surface of said first backlighting display component film comprising a series of optical structures and a plurality of raised spacing structures, said lower surface being essentially planar; and

a second backlighting display component film having an upper surface and a lower surface, said raised spacing structures contacting said lower surface of said second backlighting display component film and providing a gap between said upper surface of said first backlighting display component film and said lower surface of said second backlighting display component film,

said backlighting display component films being joined so as to constitute a single film structure, wherein said gap is greater than the coherent length of light used to illuminate said optical film; and

a backlight illumination source providing illumination to the multilayer backlighting display optical film.

36. (Currently Amended) A multilayer backlighting display optical film, said film comprising:

a first backlighting display component film having an upper surface and a lower surface, said upper surface of said first backlighting display component film comprising a series of optical structures and a plurality of raised spacing structures, said lower surface being essentially planar; and

a second backlighting display component film having an upper surface and a lower surface, said upper surface of said second backlighting display component film comprising a series of optical structures, said raised spacing structures contacting said lower surface of said second backlighting display component film and providing a gap between said upper surface of said first backlighting display component film and said lower surface of said second backlighting display component film, wherein at least one of said first backlighting display component film or said second backlighting display component film is a brightness enhancement film,

said backlighting display component films being joined so as to constitute a single film structure, wherein said gap is greater than the coherent length of light used to illuminate said optical film.

37. (Previously Presented) A multilayer backlighting display optical film, said film comprising:

a first backlighting display component film having an upper surface and a lower surface, said upper surface of said first backlighting display component film comprising a series of optical structures and a plurality of raised spacing structures, said lower surface being essentially planar; and

a second backlighting display component film having an upper surface and a lower surface, said raised spacing structures contacting said lower surface of said second backlighting display component film and providing a gap between said upper surface of said first backlighting display component film and said lower surface of said second backlighting display component film, wherein at least one of said first backlighting display component film or said second backlighting display component film is a polarization recycling film,

said backlighting display component films being joined so as to constitute a single film structure, wherein said gap is greater than the coherent length of light used to illuminate said optical film.

38. (Previously Presented) A multilayer backlighting display optical film, said film comprising:

a first backlighting display component film having an upper surface and a lower surface, said upper surface of said first backlighting display component film comprising a series of optical structures and a plurality of raised spacing structures, said lower surface being essentially planar; and

a second backlighting display component film having an upper surface and a lower surface, said raised spacing structures contacting said lower surface of said second backlighting display component film and providing a gap between said upper surface of said first backlighting display component film and said lower surface of said second backlighting display component film, wherein said first backlighting display component film and said second backlighting display component film each comprise optical structures, said component films being configured such that the optical structures of said component films are configured orthogonally,

said backlighting display component films being joined so as to constitute a single film structure, wherein said gap is greater than the coherent length of light used to illuminate said optical film.